

MEASLES UPDATE

National Immunization Program, Centers for Disease Control & Prevention Measles Activity through Week 12 (ending March 22, 2003)

No. of confirmed measles reported to MMWR for 2003:	3
No. of confirmed reported to MMWR through Wk 12, 2002:	5
No. of confirmed measles reported to NIP as of 4/7/03:	12
Current Outbreaks (outbreak = 3 or more linked cases):	1
Montgomery County, Pennsylvania - 5 case outbreak	
First and latest rash onsets: 3/21/03 – 4/5/03	
Source: Student(s) traveled to Jordan & Lebanon	
Setting: Private residential school (grades 7-12)	

Through Week 12, 2003, a total of 3 cases were reported to MMWR compared to 5 cases reported for same period in 2002. The 3 case records electronically transmitted to CDC include 2 cases from Michigan with unknown source, and a single imported case in Arizona.

Nine other confirmed measles cases were reported to the National Immunization Program (not yet reported to MMWR) : 1 imported case from the Philippines (New York City); 1 imported case from India (Chicago); 1 imported case from Jordan/Lebanon + 4 epi-linked outbreak cases (Pennsylvania); and 1 imported case from Europe + 1 epi-linked case (Ohio).

All known confirmed cases (N=12) are listed in table below.

Please send any questions or comments to Dr. Mark Papania, Acting Team Leader for Measles, Mumps, & Rubella Activity or to Ms. Susan Redd of the National Immunization Program via e-mail to: sbr1@cdc.gov; ph (404) 639-8763/8230 or fax (404) 639-8665. We appreciate knowing of any MMR activity in your project area. For measles genotyping results, new publications, press releases etc., please visit the CDC Measles Lab website: <http://www.cdc.gov/ncidod/dvrd/revb/measles/> Please go to end of measles update for current CRS, Rubella & Mumps Activity.

#	Proj	Age /dob	Rash onset date	Vax hx	Spread Cases?	Reported To MMWR?	Viral Specimens Received at CDC?	MEASLES CONFIRMED as of 4/7/03 Comments / Source Information
1	NYC	24-yr-old	1/19/03	Unk	No	No	No	Single IMPORT/Philippines Foreign visitor arrived in NYC on 1/17/03. Known exposure to measles in the Philippines.
2	AZ	4-yr-old	1/27/03	No	No	Yes	Yes	Single IMPORT/Thailand Maricopa Co. resident returned to U.S. on 1/23/03 after 7 wk stay in Thailand.
3	MI	25-yr-old female	1/27/03	Yes, 1 @ 15 mos of age	No	Yes	No	Possible 2- case chain Source of infection unknown – common source of infection likely (see case below). Works in medical setting (Wayne County).
4	MI	10-mo-old female	1/29/03	No	No	Yes	Yes	Unknown source – likely common source as above (Livingston County) -- no direct link.
5	IL	11-mo-old	3/7/03	No	No	No	Yes	Single Import in an 11-month-old. The U.S. born child was in India from 1/24 to 3/8/03, returning to U.S. 1 day after rash appeared. Three return flights involved over 3/7-8. Last flight was from Amsterdam to Chicago on 3/8/03 via Singapore Airlines Flight SQ36. Child went directly to MD's office then admitted to hospital

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6	PA	17-yr-old male	3/21/02	Yes, 2 doses	Yes (4)	No	No	Source for Montgomery Co. outbreak. Imported from Jordan or Lebanon. Jordanian teenager attends a private residential school.
7	PA	26-yr-old male	4/2/03	Yes, 2 doses	Unk	No	No	Houseparent at same private residential school. TRACEABLE to imported case above.
8	PA	13 year old male	4/2/03	No, relig exemption	Unk	No	(obtained in Delaware) to be sent	Traceable to Import Outbreak related Unimmunized student with religious exemption.
9	PA	13 year old male	4/3/03	No, relig exemption	Unk	No	(obtained in Delaware) to be sent	Traceable to import Outbreak related Unimmunized student with religious exemption.
10	PA	17-yr-old male	4/5/03	Yes, 2 doses	Unk	No	En route	Traceable to imported case. This student had rec'd 2 doses of vaccine in Egypt. He traveled to Jordan/Lebanon with the source case.
11	OH	36 yr old male	3/24/03	Yes, 1 dose	Yes, 1 infant	No	No	Parent who traveled to Paris then Rome during 3/6 to 3/14. Rash onset 10 days after return to U.S. He was the source of infection for his unimmunized 11 month old child (IgM + case below with rash onset 4/3).
12	OH	11-mo-old	4/3/03	No	Unk	No	Unk	Child to above imported case. Traceable to an imported case

CRS, Mumps, Rubella Update

April 7, 2003

CRS – No CRS cases have been reported for 2003.

Mumps – A total of 57 case-records have been transmitted to MMWR this year compared to 76 records during the same reporting period of 2002. Forty-seven percent (27/57) are \leq 15 years of age. Twenty-two were reported by California, and four each reported by Florida and Hawaii. Of the 57 total reported; 25 are confirmed, 10 are probable cases and 22 have case status as unknown.

Rubella – No rubella cases have been reported compared to 1 case reported by this time last year.